



BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(This information to be copied and placed on drawings)

Revised August 18, 2003

1. GENERAL INFORMATION

Name of Project _____
 Address _____
 Proposed Use _____
 Owner or Authorized Agent _____
 Phone _____ Fax _____ E-Mail _____
 Contractor _____
 Address _____
 Phone _____ Fax _____ State License No _____

2. LEAD DESIGN PROFESSIONAL _____

Designer	Name	License #	Phone
Architectural	_____	_____	_____
Civil	_____	_____	_____
Electrical	_____	_____	_____
Fire Alarm	_____	_____	_____
Plumbing	_____	_____	_____
Mechanical	_____	_____	_____
Sprinkler-Standpipe	_____	_____	_____
Structural	_____	_____	_____
Letter of Supervision Provided	Yes _____	No _____	

3. GENERAL CODE DATA

3.1 Building and Fire Codes used in design (Place an "x" by the codes used in the design)

____ 2000 International Building Code	____ 2000 International Plumbing Code
____ 1999 National Electric Code	____ 2000 International Property Maintenance Code
____ 2000 International Mechanical Code	____ 2000 International Fire Code
____ 2000 Life Safety Code (NFPA101)	____ 1997 Standard Fire Prevention Code
____ 1997 Life Safety Code (NFPA 101)	

4. BUILDING DATA

Construction Type IA IB IIA IIB IIIA
 IIIB IV VA VB

Mixed Construction No Yes Types _____

Sprinklers No Yes Partial
System Type 13 13R 13D

Standpipes No Yes Wet Dry Class Combined

Building Height Feet Number of Stories _____ Unlimited per _____
Mezzanine: No Yes

High Rise No Yes

Atrium No Yes

Basement No Yes

5. OCCUPANCY CLASSIFICATION

Assembly 303 A-1 A-2 A-3 A-4 A-5

Business 304

Education 305

Factory Industrial F-1 F-2

High-Hazard 307 H-1 H-2 H-3 H-4 H-5

Institutional 308 I-1 I-2 I-3 I-4

 I-3 Use Condition 1 2 3 4 5

Mercantile 309

Residential 310 R-1 R-2 R-3 R-4

Storage 311 S-1 S-2 High-piled

Utility and Miscellaneous 312

Parking Garage 406.2 Open 406.3 Enclosed 406.4 Repair 406.6

5.1 Special Occupancy

S-2 Enclosed Parking Garage w/ S-2 open parking above

Unlimited height for B, M and R

Parking Beneath R R-2 Type III A R-2 Type II A
 Open parking beneath A, I, B, M and R
 S-2 enclosed parking with A, B, M or R above

5.2 Mixed Occupancy No Yes Separation Hr

Exception _____

Identify whether you are using the provisions of Non-separated uses or Separated uses by placing an "x" below by your design choice.

Non-Separated Mixed Occupancy (302.3.2 Exception)

The required type of construction for the building shall be determined by applying the Height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

Separated Mixed Occupancy (302.3.3)

Each portion of the building shall be individually classified as to use and shall be completely separated from adjacent areas by fire barrier walls or horizontal assemblies or both having a fire-resistance rating determined in accordance with Table 302.3.3 for the uses being separated. For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Incidental Use Areas (302.1.1)

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

6. ALLOWABLE AREA AND HEIGHT-TABLE 503

6.1 Allowable Area

Allowable area _____ Sq. Ft
Actual area _____ Sq. Ft

Attach area increase calculations per Section 506, if applicable. For unlimited areas, provide applicable paragraph number in Section 507.

6.2 Allowable Height

Allowable height _____ Ft
 Allowable no. of stories _____
 Actual building height _____ Ft
 Actual no. of stories _____

7. OCCUPANT LOAD

Occupant Load /floor = _____ persons

Note: Include occupant load calculations for the following types of projects; institutional, assembly, educational, multistory projects, large complex projects, and mixed occupancies.

8. FIRE PROTECTION REQUIREMENTS

8.1 Table 601

Building Element	Req'd Rating	UL No.*
Structural frame, Including columns, girders, trusses	_____	_____
Bearing Walls		
Exterior	_____	_____
Interior	_____	_____
Non-bearing walls and partitions		
Exterior	_____	_____
Interior	_____	_____
Floor Construction (Including supporting beams and joists)	_____	_____
Roof construction (Including supporting beams and joists)	_____	_____

8.2 Other Rated Elements

Element	Required	UL* Hourly Rating	Number

Interior Walls			
Bearing	_____	_____	_____
Non-bearing	_____	_____	_____
Ceiling-Floors	_____	_____	_____
Beams	_____	_____	_____
Columns	_____	_____	_____
Ceiling-Roofs	_____	_____	_____
Shafts-Exit	_____	_____	_____
Shafts-Other	_____	_____	_____
Corridor Separation	_____	_____	_____
Occupancy Separation	_____	_____	_____
Party/Fire Wall			
Separation:	_____	_____	_____
Smoke Barrier			
Separation:	_____	_____	_____
Tenant Separations:	_____	_____	_____

* Or other approved agencies

FOOTNOTES

1. All fire rated walls shall be identified on plans by hatching, shading, etc.; show legend.
2. Identify code section when using any special exceptions, etc.

8.3 Draftstopping

Draftstopping in floor (716.3) Yes No

Draftstopping in attic (716.4) Yes No

8.3.1 Distance to Property Line from Exterior Wall (Table 602)

(Site Plan/Reference Plan required)

Fire Separation Distance _____ Ft

Fire Resistance Rating _____ Hrs

8.4 Life Safety Systems

1003.2.11	Emergency Lighting:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
1003.2.10	Exit Signs:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
907	Fire Alarm:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
907.2.6.2.3	Smoke Detection Systems:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
	Panic Hardware:	<input type="checkbox"/> No	<input type="checkbox"/> Yes

9. EXIT REQUIREMENTS

9.1 Exit Access (1004 & Table 1005.2.1)

No. of exits required _____
No. of exits furnished _____

9.2 Means of egress width (Table 1003.2.3)

Units of Exit required _____ inches
Units of Exit furnished _____ inches

Stair width units required _____ inches
Stair width units provided _____ inches

9.3 Diagonal Rule

Meets 1004.2.2.1 ___ Yes ___ No

9.4 Travel Distance (Table 1004.2.4)

Allowable Travel Distance _____ Ft
Actual Travel Distance (Maximum) _____ Ft

9.5 Spaces with one means of egress (IBC 1004.2.1)

For buildings with one means of egress, I have checked the occupant load and the common path of travel against the requirements IBC 1004.2.1.
_____ Yes _____ No

10. LIFE SAFETY PLAN

Provided ___ Yes ___ No (If yes, Drawing No.)

13. SPECIAL DETAILED REQUIREMENTS

I have reviewed the special detail requirements in Chapter 4 as indicated below and incorporated the provisions into my design.

REQUIREMENT	APPLICABLE (YES or N/A)
402 Covered Mall building	_____
403 High rise buildings	_____
404 Atriums	_____
405 Under Ground buildings	_____
406 Motor-vehicle Related Occupancies	_____
407 Group I-2	_____
408 Group I-3	_____
409 Motion Picture Projection Rooms	_____
410 Stages & Platforms	_____
411 Special Amusement Buildings	_____
412 Aircraft Related Occupancies	_____
413 Combustible Storage	_____
414 Hazardous Materials	_____
415 Groups H-1, H-2, H-3, H-4, & H-5	_____
416 Application of flammable finishes	_____
417 Drying Rooms	_____
418 Organic Coatings	_____

14. SPECIAL INSPECTIONS

I have reviewed the requirements of IBC Section 1704 on Special Inspections and will perform the applicable required inspections as part of my responsibilities acknowledged under my letter of supervision. _____ Yes _____ No

***Revised July 22, 2003**

***15. QUALITY ASSURANCE FOR WIND REQUIREMENTS (IBC 1706)**

I have reviewed the requirements of IBC Section 1706 and my design incorporates the requirements of this Section of the Code and is reflected on the drawings and in the specifications. _____ Yes _____ No

I have notified the Contractor of his responsibility under Section 1706.3
_____ Yes _____ No

Contractor's Signature:

* _____

At time of permitting

16 SAFETY GLAZING FOR HAZARDOUS LOCATION

I have identified on drawings where tempered glass is required in hazardous locations.
(2406.2) Yes _____ No _____

17. PREFABRICATED METAL BUILDINGS

Requirements for metal building erection drawings included on drawings _____

18. PRE-ENGINEERED TRUSSES

Live Loads shown _____
Wind Loads shown _____
Certification from manufacturer (Sealed) _____

19. FIRE DEPARTMENT REQUIREMENTS

Required water supply _____ gpm @ _____ psi (per Architect/Engineer)
(The Insurance Office [ISO] method; the Iowa State University [ISU] method;
the Illinois Institute of Technology Research Institute method, or the 2000
International Fire Code Table B105.1)

Note which method is used: _____

All new construction and change of occupancy renovations require a plot plan to scale showing location of fire hydrants, FDC connections, roads, driveways, and buildings.

Installation, relocation, or replacement of Fire Sprinkler or Fire Alarm components shall require permitting by the Fire Marshall's Office.

All buildings require fire extinguishers (Minimum Size 2A-10bc).

Approved numbers or addresses shall be provided for all buildings in such a position as to be plainly visible and legible from the street or road fronting the property – Minimum 4' high letters.